

In the claims:

Claims 1-4 cancelled.

5. (New) A method of producing an abrasive tools with abrasive particles consisting exclusively only of Al_2O_3 , comprising the steps of producing a mixture of initial components which lack any particles convertible into abrasive particles with the exception of particles of $\text{Al}(\text{OH})_3$; forming blanks of an abrasive tool from the mixture; and subsequently producing the abrasive particles by subjecting the blank to a heat treatment such that the particles of aluminum $\text{Al}(\text{OH})_3$ are converted exclusively into abrasive particles of Al_2O_3 which constitute the only abrasive particles in the tool.

6. (New) A method as defined in claim 5; and further comprising using as the initial components a base of butadiene nitril rubber, a curing agent sulfur, a softener dibutylphthalate, polyvinyl chloride, hardener, phenolic resin with the particles of $\text{Al}(\text{OH})_3$.

7. (New) A method as defined in claim 5, wherein said forming includes making a sheet of the mixture of the initial components and the particles of $\text{Al}(\text{OH})_3$ and thereafter separating the blanks of the abrasive tools from the sheets.

8. (New) A method as defined in claim 7, wherein said making a sheet includes rolling the mixture of the components with the particles of $\text{Al}(\text{OH})_3$ between rolls.